

10/520472

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Patent

Attorney Docket # 5083-47PUS

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re National Phase PCT Application of

Stefan HÖLLER et al.

Int'l PCT Serial No.: PCT/DE2003/02154

Int'l Filing Date:: 28 June 2003

For: Fuel Cell Stack Comprising a  
Counterflowing Cooling System and a  
Plurality of Coolant-Collecting Ducts  
Located Parallel to the Axis of the Stack

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop **PCT**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

S I R:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO/SB/08a. Copies of the listed documents are also enclosed.

JP 1-302670 and the English language abstract attached thereto disclose a fuel cell.

JP 60-177566 and the English language abstract attached thereto disclose a fuel cell power generating system.

JP 62-223979 and the English language abstract attached thereto discloses a temperature controller for a fuel cell.

JP 62-147664 and the English language abstract attached thereto discloses a reaction gas supply method in a fuel cell.

JP 64-63271 and the English language abstract attached thereto disclose a fuel cell.

EP 1 032 066 and corresponding U.S. Patent application 6,521,366 disclose a fuel cell system.

DE 100 38 589 and the English language abstract of corresponding WO 02/12387 disclose an electrochemical cell.

In accordance with 37 C.F.R §§1.97(g) and (h), the filing of this Information Disclosure Statement should not be construed as a representation that a search has been made or that information cited is, or is considered to be, material to patentability as defined in §1.56(b), or that any cited document listed or attached is (or constitutes) prior art. Unless otherwise indicated, the date of publication indicated for an item is taken from the face of the item and Applicant(s) reserve(s) the right to prove that the date of publication is in fact different.

It is respectfully requested that the above information be considered by the Examiner and that the copy of the enclosed Form PTO/SB/08a be returned indicating that such information has been considered.

Respectfully submitted,  
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Dated: January 7, 2005

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| Substitute for Form 1449/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br>(Use as many sheets as necessary) |                        | <b>Complete if Known</b> |               |
|   |                        | Application Number       | 10/520472     |
|   |                        | Filing Date              |               |
|   |                        | First Named Inventor     | Stefan HÖLLER |
|   |                        | Art Unit                 |               |
|   |                        | Examiner Name            |               |
| Sheet 1 of 1  | Attorney Docket Number | 5083-47PUS               |               |

## U.S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind-Code <sup>2</sup> (if known) |                                |  |   |
|                    | AA                    | US-6,521,366 B1                          | 2/18/2003                      | Lamm et al.  |   |
|                    | AB                    | US-5,998,057                             | 12/7/1999                      | Koschany et al.                                    |   |
|                    | AC                    | US-6,183,898 B1                          | 2/6/2001                       | Koschany et al.                                    |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |

## FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages or<br>Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|--|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> Number <sup>4</sup><br>Kind-Code <sup>5</sup> (if known) |                                |  |   |                |
|                    | AD                    | JP 01-302670   | 12/6/1989                      | Hisashi  |   | Abstract       |
|                    | AE                    | JP 60-177566   | 9/11/1985                      | Minoru   |   | Abstract       |
|                    | AF                    | JP 62-223979   | 10/1/1987                      | Yoshiyuki  |   | Abstract       |
|                    | AG                    | JP 62-147664   | 7/1/1987                       | Hideo et al.                                       |   | Abstract       |
|                    | AH                    | JP 64-063271   | 3/9/1989                       | Yoshifumi et al.                                   |   | Abstract       |
|                    | AI                    | EP 1 032 066 A1  | 8/30/2000                      | Lamm et al.  |   |                |
|                    | AJ                    | EP 0 929 112 A2  | 7/14/1999                      | Shelekin et al.                                    |   |                |
|                    | AK                    | EP 0 971 428 A3  | 1/12/2000                      | Iwase et al.                                       |   |                |
|                    | AL                    | DE 100 38 589 A1   | 2/28/2002                      | Höller et al.                                      |   | Abstract       |

|                    |                 |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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